



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

07/628,440 12/14/90 KETCHAM

R 3008-33751

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PORTLAND, OR 97204

EXAMINER	
BUDD, M	
ART UNIT	PAPER NUMBER
	15

DATE MAILED: 2102

04/09/93

**NOTICE OF DRAWING REQUIREMENTS**

- ☐ The PTO delayed in providing a commercial bonded draftsman with drawings from the above-identified application. The delay prevented the draftsman from filing corrected drawings within the response period set in the Notice of Allowability mailed \_\_\_\_\_. Hence, said response period is hereby vacated. THE SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirement for drawing corrections is set to EXPIRE ONE MONTH FROM THE DATE OF THIS LETTER. Failure to comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a) by filing the appropriate request and fee before the end of the six month statutory period for response.

- ☒ Corrected/substituted drawings for the above-identified application, received in the PTO on 3/15/93, are still considered informal for the reason(s) identified on the attached Form PTO-948.

- ☒ Applicant has the time remaining in the response period set in the Notice of Allowability or Notice of Drawing Requirements mailed 2/5/93 to overcome the objections raised in the attached Form PTO-948. This response period may be extended under the provisions of 37 CFR 1.136(a) by filing the appropriate request and fee before the end of the six month statutory period for response.

- ☐ The PTO delayed in reviewing the corrected drawings. Applicant is given ONE month time limit from the date of this letter to provide corrected drawings. NO EXTENSION OF THIS TIME LIMIT MAY BE GRANTED UNDER EITHER 37 CFR 1.136(a) or (b). See MPEP 714.03. However, the response period set in the Notice of Allowability or Notice of Drawing Requirements mailed \_\_\_\_\_ may be extended under the provisions of 37 CFR 1.136(a) by filing the appropriate request and fee before the end of the six month statutory period for response.

- ☐ Corrected/substituted drawings for the above-identified application received in the PTO on \_\_\_\_\_ were submitted outside of the period for response set in the Notice of Allowability or Notice of Drawing Requirements mailed \_\_\_\_\_. This application will become abandoned unless applicant obtains an extension of time under the provisions of 37 CFR 1.136(a) by filing the appropriate request and fee before the end of the six month statutory period for response.

☒ ATTACHMENT: PTO-948

*[Signature]* 4/9/93  
PATENT AND TRADEMARK OFFICE DATE

15

628 440

GROUP

**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**

THE PTO DRAFTSMEN REVIEW ALL ORIGINALLY FILED DRAWINGS REGARDLESS OF WHETHER THEY WERE DESIGNATED AS INFORMAL OR FORMAL. ADDITIONALLY, THE PATENT EXAMINER WILL ALSO REVIEW THE DRAWINGS FOR COMPLIANCE WITH THE REGULATIONS.

The drawings filed

3/15/93

- A. ☐ are approved by the draftsman.
- B. ☒ are objected to by the draftsman under 37 CFR 1.84 for the reason(s) checked below. The examiner will require submission of new, corrected drawings at the appropriate time. Corrected drawings must be submitted according to the instructions listed on the back of this Notice.

## 1. Paper and ink. 37 CFR 1.84(a)

☐ Sheet(s) \_\_\_\_\_ Poor.

## 2. Size of Sheet and Margins. 37 CFR 1.84(b)

## Acceptable Paper Sizes and Margins

Margin	Paper Size		
	8 1/2 by 14 inches	8 1/2 by 13 inches	DIN size A4 21 by 29.7 cm.
Top	2 inches	1 inch	2.5 cm.
Left	1/4 inch	1/4 inch	2.5 cm.
Right	1/4 inch	1/4 inch	1.5 cm.
Bottom	1/4 inch	1/4 inch	1.0 cm.

☐ Proper Size Paper Required.  
All Sheets Must be Same Size.  
Sheet(s) \_\_\_\_\_☐ Proper Margins Required.  
Sheet(s) \_\_\_\_\_☐ TOP ☐ RIGHT☐ LEFT ☐ BOTTOM

## 3. Character of Lines. 37 CFR 1.84(c)

☐ Lines Pale or Rough and Blurred.  
Fig(s) \_\_\_\_\_☐ Solid Black Shading Not Allowed.  
Fig(s) \_\_\_\_\_4. ☐ Photographs Not Approved.

## 5. Hatching and Shading. 37 CFR 1.84(d)

☐ Shade Lines are Required.  
Fig(s) \_\_\_\_\_☐ Criss-Cross Hatching Not Allowed.  
Fig(s) \_\_\_\_\_☐ Double Line Hatching Not Allowed.  
Fig(s) \_\_\_\_\_☐ Parts in Section Must be Hatched.  
Fig(s) \_\_\_\_\_

## 6. Reference Characters. 37 CFR 1.84(f)

☐ Reference Characters Poor or Incorrectly Sized.  
Fig(s) \_\_\_\_\_☐ Reference Characters Placed Incorrectly.  
Fig(s) \_\_\_\_\_

## 7. Views. 37 CFR 1.84(i) &amp; (j)

☐ Figures Must be Numbered Properly.☐ Figures Must Not be Connected.  
Fig(s) \_\_\_\_\_8. ☐ Identification of Drawings. 37 CFR 1.84(1)  
Extraneous Matter or Copy Machine  
Marks Not Allowed. Fig(s) \_\_\_\_\_9. ☐ Changes Not Completed from Prior  
PTO-948 dated \_\_\_\_\_☒ Comments:

Remove zipatone stippling  
shading Fig 2A.1, 2A.2, 2B.1, 2B.2, 2C.1, 2C.2  
15C, 15D, 17, 19, 20A, 4A, 4B, 5A, 5B, 5C, 5D, 7A, 7B, 7C  
20B, 20C, 20D, 22, 24, 9A, 9B, 9C, 10A, 10B, 10C, 10D, 12, 14, 15A, 15B  
25A, 25B, 25C, 25D

Telephone inquiries concerning this review should be directed to the Chief Draftsman at telephone number (703) 305-8404.

Reviewing Draftsman

Date

Note: Any objection to the drawings made by the examiner will be communicated separately in an office action.

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Informalities—37 CFR 1.85

File new drawing with the changes incorporated therein. The art unit number, serial number and number of drawing sheets should be written on the drawing in accordance with 37 CFR 1.84(l). Applicant may delay filing of the new drawings until receipt "Notice of Allowability" (PTOL-37). If delayed, the new drawings **MUST** be Filed within the **THREE MONTH** shortened statutory period set for response in the "Notice of Allowability" (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

#### Timing of Corrections

Applicant is required to submit **acceptable** corrected drawings within the three month shortened statutory period set in the "Notice of Allowability" (PTOL-37). Within the three month period, two weeks should be allowed for review by the Office of the correction. If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction re-submitted within the original three month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

### 2. Corrections other than Informalities Noted by the Draftsperson on the PTO-948

All changes to the drawings, other than informalities noted by the Draftsperson, **Must** be made in the same manner as above except that, normally, a red ink sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.